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Substitute for form 1449/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 6

Complete if Known

Application Number	10/785,274
Filing Date	February 24, 2004
First Named Inventor	Shang-Tian Yang
Art Unit	1651
Examiner Name	LILLING
Attorney Docket Number	OSU 0003 PA/41096.8/01ID85F

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
HJH		TALABARDON ET AL., "Acetic Acid Production from Lactose by an Anaerobic Thermophilic Coculture Immobilized in a Fibrous-Bed Bioreactor", Biotechnol. Prog. 2000, 16, pp. 1008-1017	
		HUANG ET AL., "Acetate Production from Whey Lactose Using Co-Immobilized Cells of Homolactic and Homoacetic Bacteria in a Fibrous-Bed Bioreactor", Biotechnology and Bioengineering, Vol. 60, No. 4, Nov. 20, 1998, pp. 498-507	
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		WASSERMAN ET AL., "High-Yield Method for Immobilization of Enzymes", Biotechnology and Bioengineering, Vol. XXII, (1980), pp. 271-287	
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HJH		YANG ET AL., "A Dynamic Light Scattering Study of β -Galactosidase: Environmental Effects on Protein Conformation and Enzyme Activity", Biotechnol. Prog. 1994, 10, pp. 525-531	

Examiner Signature	<i>Debat Selig</i>	Date Considered	08/28/07
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				Examiner Name	UCC128
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JSF		KUMAR ET AL., "Whole blood glucose determination using glucose oxidase immobilized on cotton cheese cloth", Analytica Chimica Acta 338 (1997), pp. 135-140	
		KAMATH ET AL., "Urease Immobilized on Polyethyleneimine Cotton Cloth", Applied Biochemistry and Biotechnology, Vol. 19, 1988, pp. 251-258	
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		FODA ET AL., "Continuous production of oligosaccharides from whey using a membrane reactor", Process Biochemistry 35 (2000), pp. 581-587	
JSF		YANG ET AL., "Novel Products and New Technologies for Use of a Familiar Carbohydrate, Milk Lactose", Journal of Dairy Science, Vol. 78, No. 11, 1995, pp. 2541-2562	

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		Application Number	10/785,274		
		Filing Date	February 24, 2004		
		First Named Inventor	Shang-Tian Yang		
		Art Unit	1647		
		Examiner Name	L. L. W. B.		
Sheet	3	of	6	Attorney Docket Number	OSU 0003 PA/41096.8/01ID85F

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S. J.		BERGER ET AL., "OLIGOSACCHARIDES SYNTHESIS BY FREE AND IMMOBILIZED β -GALACTOSIDASES FROM THERMUS AQUATICUS YT-1", Biotechnology Letters, Vol. 17, No. 10, (Oct. 1995), pp. 1077-1080	
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		PRENOSIL ET AL., "Formation of Oligosaccharides during Enzymatic Lactose: Part I: State of Art", Biotechnology and Bioengineering, Vol. 30, (1987), pp. 10-19-1025	
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		DISSING ET AL., "Polyelectrolyte complexes as vehicles for affinity precipitation of proteins", Journal of Biotechnology, 52, (1996), pp. 1-10	

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		Application Number	10/785,274		
		Filing Date	February 24, 2004		
		First Named Inventor	Shang-Tian Yang		
		Art Unit	165		
		Examiner Name	LIZ CUB		
Sheet	4	of	6	Attorney Docket Number	OSU 0003 PA/41096.8/01D85F

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YJ		PRENOSIL ET AL., "Formation of Oligosaccharides during Enzymatic Lactose Hydrolysis and Their Importance in a Whey Hydrolysis Process: Part II: Experimental", Biotechnology and Bioengineering, Vol. 30, (1987), pp. 1026-1031	
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W		IWASAKI ET AL. "Galacto-oligosaccharide Production from Lactose by an Enzymic Batch Reaction Using β -Galactosidase", Process Biochemistry, Vol.31, No. 1, 1996, pp. 69-76	

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WJH		MONSAN ET AL., "Enzymatic synthesis of oligosaccharides", FEMS Microbiology Reviews 16, (1995), pp.187-192	
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WJH		SUOMINEN ET AL., "Enhanced recovery and purification of Aspergillus glucoamylase from Saccharomyces cerevisiae by the addition of poly(aspartic acid) tails", Enzyme Microb. Technol., 15, 1998, pp.593-600	

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		ZHAO ET AL., Polyelectrolyte precipitation of β -galactosidase fusions containing poly-aspartic acid tails", Journal of Biotechnology, 14 (1990), pp. 273-284	
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		AXELSSON ET AL., "Economic Evaluation of the Hydrolysis of Lactose Using Immobilized β -Galactosidase", Applied Biochemistry and Biotechnology, Vol. 24/25, 1990, pp. 679-693	
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		MOZAFFAR ET AL., "Purification and Properties of β -Galactosidases from Bacillus circulans", Agric. Biol. Chem, 48 (12), 1984, pp. 3053-3061	

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